

BINT *

P34

89-107562/15

★ DE 3809-127-C

Valve for metal or plastics venous catheter - has valve disc clamped between body parts, with disc provided with four resilient triangular tongues

BRAUN INT GMBH 18.03.88-DE-809127

(13.04.89) A61m-05/14

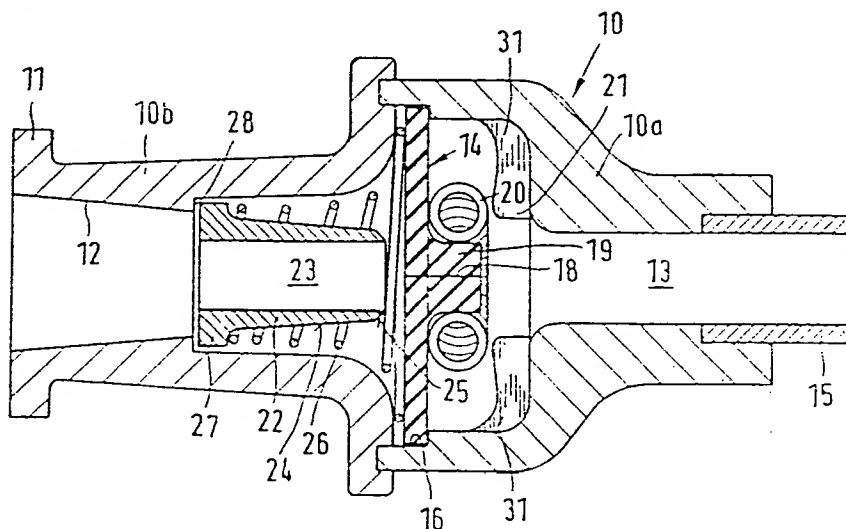
18.03.88 as 809127 (349RW)

The valve enables a plastic cannular or a metal catheter to be inserted into the vein of a patient. A body (10) has one part (10a) nearest the patient and another part (10b) with a tapered opening (12) into which fits an adapter at the insertion end. Between them is clamped a valve disc (14) with a cross shaped cut (18) forming four resilient triangular tongues (19) which are bent inwards as the tube is inserted. The four tongues are held closed by a spring.

This can be a helical spring (20) forming a ring round the thick tips of the tongues. Alternatively, it can be a conical spring. At the entry side of the valve disc is a sliding sleeve (22) with a helical spring (26) on its tapered external surface (24), holding it away from the disc. Another design uses a disc spring with arms holding the valve disc closed.

ADVANTAGE - Air is excluded. (7pp Dwg.No.1/8)

N89-082035



© 1989 DERWENT PUBLICATIONS LTD.
128, Theobalds Road, London WC1X 8RP, England
US Office: Derwent Inc., 1313 Dolley Madison Boulevard,
Suite 303, McLean, VA22101, USA
Unauthorised copying of this abstract not permitted.